

# LED TRAFFIC LIGHTS



## 200mm 12-24VDC & 240Vac

This LED type traffic light is suitable for a variety of applications where there is a need for traffic control or indication, such as car parks, mine sites, race tracks, weigh bridges, car & truck washes.

Made from quality materials, this traffic light is dust proof and weatherproof, and has much lower energy consumption and maintenance costs than incandescent or fluorescent lamps, as well as a much longer operational life.

The red, yellow and green LEDs are brighter than most lamps and will operate satisfactorily at very low voltages, making them ideal for use in harsh environments or where safety is paramount.

This unit is very similar to those normally seen at traffic light controlled intersections, with a comparable light output.

Available in Red, Green, Amber or Blue LED Modules.



## Specifications

- Power Supply: 12-24VDC
- Power Consumption: 260mA @ 12VDC, 160mA @ 24VDC (Red and Yellow Module) 420mA @ 12VDC, 220mA @ 24VDC (Green Module)
- Average life of LEDs: 80,000 hours.
- Lens diameter: 200mm.
- Number of LEDs: 90 per aspect.
- Light output: >4000mcd/m
- Dominant wavelength: Red 625nm +/- 5, Yellow 590nm +/- 5, Green 505nm +/- 2
- Housing: PMMA, UV stabilised.
- Mass: 3kg (1 Aspect) 5.2kg (2 aspect) 6.6kg (3 aspect)
- IP rating: IP65
- Sun visors: Separate, horizontal or vertical.
- Operating Temp: -40°C ~ +80°C
- Mounting: Adjustable wall brackets (incl)

## Wiring

Single Aspect 200mm Traffic Light:

- 1 - LED Module (Common)
- 2 - LED Module (+12-24VDC)
- 3 - Spare
- 4 - Spare



Two Aspect 200mm Traffic Light:

- 1 - Common (GND)
- 2 - LED Module (+12-24VDC)
- 3 - LED Module (+12-24VDC)
- 4 - Spare



Three Aspect 200mm Traffic Light:

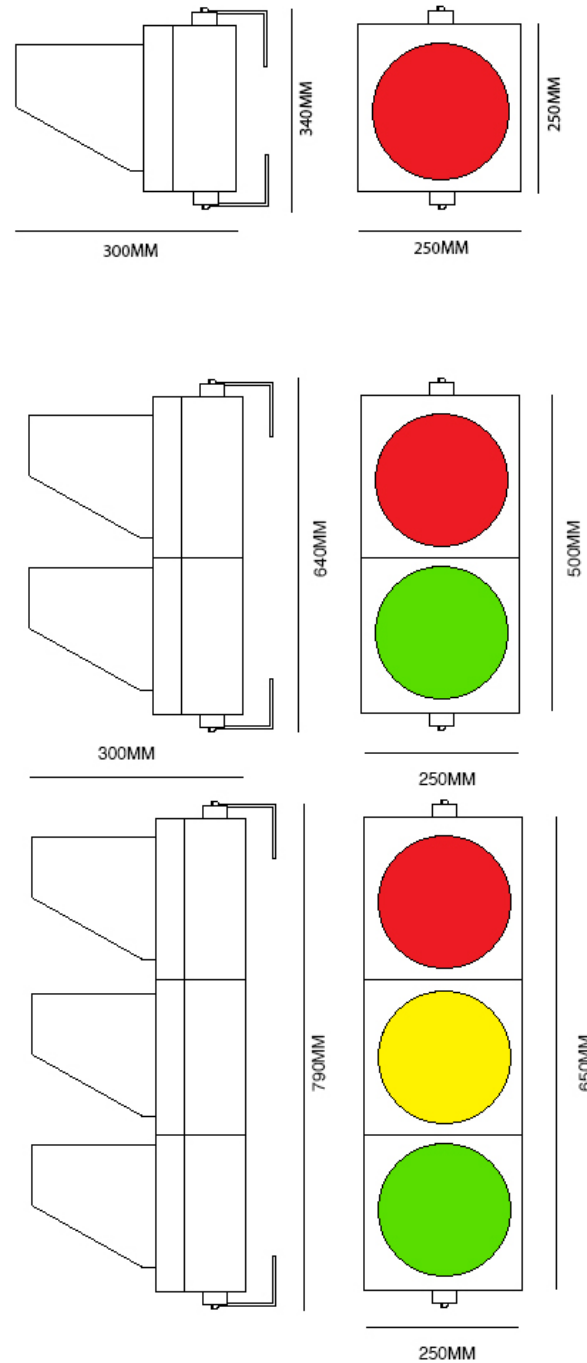
- 1 - Common (GND)
- 2 - LED Module (+12-24VDC)
- 3 - LED Module (+12-24VDC)
- 4 - LED Module (+12-24VDC)



## Part Numbers:

- 200mm, 12-24Vdc Single Aspect - (AGD21-(R,G,Y or B)
- 200mm, 240Vac Single Aspect - (AGD21-(R,G,Y or B)-M)
- 200mm, 12-24Vdc Two Aspect - AGD22
- 200mm, 240Vac Two Aspect - AGD22-M
- 200mm, 12-24Vdc Three Aspect - AGD23
- 200mm, 240Vac Three Aspect - AGD23-M

## Dimensions:



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